

1627

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OCT 05 2001

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IPORAW SEQUENCE LISTING
PATENT APPLICATION: US/09/678,851DATE: 08/16/2001
TIME: 14:04:52Input Set : A:\GRFN26 3.APP.txt
Output Set: N:\CRF3\08162001\I678851.raw

3 <110> APPLICANT: OFFORD, ROBIN E
 4 THOMPSON, DARREN
 5 WILKEN, JILL
 7 <120> TITLE OF INVENTION: N-TERMINAL MODIFICATIONS OF RANTES AND METHODS OF USE
 9 <130> FILE REFERENCE: GRFN-026/03US

C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/678,851
 C--> 12 <141> CURRENT FILING DATE: 2000-10-04
 14 <150> PRIOR APPLICATION NUMBER: 60/056,292
 15 <151> PRIOR FILING DATE: 1997-09-03
 17 <150> PRIOR APPLICATION NUMBER: 60/077,874
 18 <151> PRIOR FILING DATE: 1998-03-13
 20 <150> PRIOR APPLICATION NUMBER: 60/090,834
 21 <151> PRIOR FILING DATE: 1998-06-26
 23 <160> NUMBER OF SEQ ID NOS: 16
 25 <170> SOFTWARE: PatentIn Ver. 2.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 68
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Homo sapiens
 32 <400> SEQUENCE: 1

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 34 1 5 10 15
 36 Arg Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly
 37 20 25 30
 39 Lys Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln
 40 35 40 45
 42 Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser
 43 50 55 60
 45 Leu Glu Met Ser
 46 65
 49 <210> SEQ ID NO: 2
 50 <211> LENGTH: 67
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Homo sapiens
 54 <400> SEQUENCE: 2

55 Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala Arg
 56 1 5 10 15
 58 Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly Lys
 59 20 25 30
 61 Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln Val
 62 35 40 45
 64 Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser Leu
 65 50 55 60
 67 Glu Met Ser
 68 65
 71 <210> SEQ ID NO: 3
 72 <211> LENGTH: 32

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73 <212> TYPE: PRT
74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 3
77 Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala Arg
78 1 5 10 15
80 Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly Lys
81 20 25 30
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 35
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 4
93 Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln Val
94 1 5 10 15
96 Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser Leu
97 20 25 30
99 Glu Met Ser
100 35
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 68
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 5
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110 1 5 10 15
112 Arg Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly
113 20 25 30
115 Lys Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln
116 35 40 45
118 Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser
119 50 55 60
121 Leu Glu Met Ser
122 65
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 33
127 <212> TYPE: PRT
128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 6
131 Gly Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala
132 1 5 10 15
134 Arg Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly
135 20 25 30
137 Lys
141 <210> SEQ ID NO: 7
142 <211> LENGTH: 35
143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
146 <400> SEQUENCE: 7
147 Cys Thr Arg Pro Asn Asn Asn Thr Arg Lys Ser Ile His Ile Gly Pro

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148 1 5 10 15
150 Gly Arg Ala Phe Tyr Thr Thr Gly Glu Ile Ile Gly Asp Ile Arg Gln
151 20 25 30
153 Ala His Cys
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158 <211> LENGTH: 34
159 <212> TYPE: PRT
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162 <400> SEQUENCE: 8
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166 Gly Arg Ala Phe Arg Thr Thr Glu Ile Ile Gly Asp Ile Arg Gln Ala
167 20 25 30
169 His Cys
173 <210> SEQ ID NO: 9
174 <211> LENGTH: 34
175 <212> TYPE: PRT
176 <213> ORGANISM: Homo sapiens
178 <400> SEQUENCE: 9
179 Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
180 1 5 10 15
182 Gly Arg Ala Phe His Thr Thr Glu Ile Ile Gly Asp Ile Arg Gln Ala
183 20 25 30
185 His Cys
189 <210> SEQ ID NO: 10
190 <211> LENGTH: 34
191 <212> TYPE: PRT
192 <213> ORGANISM: Homo sapiens
194 <400> SEQUENCE: 10
195 Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
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198 Gly Arg Ala Phe Arg Thr Thr Gln Ile Ile Gly Asp Ile Arg Gln Ala
199 20 25 30
201 His Cys
205 <210> SEQ ID NO: 11
206 <211> LENGTH: 34
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 11
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214 Gly Arg Ala Phe Arg Thr Thr Gln Ile Val Gly Asn Leu Arg Gln Ala
215 20 25 30
217 His Cys
221 <210> SEQ ID NO: 12
222 <211> LENGTH: 34
223 <212> TYPE: PRT
224 <213> ORGANISM: Homo sapiens

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226 <400> SEQUENCE: 12
227 Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
228 1 5 10 15
230 Gly Arg Ala Phe His Thr Thr Glu Ile Ile Gly Asp Thr Arg Gln Ala
231 20 25 30

233 His Cys

237 <210> SEQ ID NO: 13

238 <211> LENGTH: 20

239 <212> TYPE: DNA

240 <213> ORGANISM: Artificial Sequence ✓

242 <220> FEATURE:

243 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer ✓

245 <400> SEQUENCE: 13

246 ccaattccca tacattattg

20

248 <210> SEQ ID NO: 14

249 <211> LENGTH: 21

250 <212> TYPE: DNA

251 <213> ORGANISM: Artificial Sequence ✓

253 <220> FEATURE:

254 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer ✓

256 <400> SEQUENCE: 14

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259 <210> SEQ ID NO: 15

260 <211> LENGTH: 23

261 <212> TYPE: DNA

262 <213> ORGANISM: Artificial Sequence ✓

264 <220> FEATURE:

265 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer ✓

267 <400> SEQUENCE: 15

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23

270 <210> SEQ ID NO: 16

271 <211> LENGTH: 21

272 <212> TYPE: DNA

273 <213> ORGANISM: Artificial Sequence ✓

275 <220> FEATURE:

276 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer ✓

278 <400> SEQUENCE: 16

279 aatttctggg tccccctcctg a

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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/678,851

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Input Set : A:\GRFN26 3.APP.txt
Output Set: N:\CRF3\08162001\I678851.raw

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date